

Abstract

An antenna comprises an antenna feed line having first and second conductors. It also comprises an antenna driver section having a pair of opposing cones. Each of the cones has an apex region and the cones are arranged so that the apex regions are spaced apart and are adjacent. One of the cones is connected to the first conductor and a second of the cones is connected to the second conductor. The antenna also comprises an antenna beam shaper section. This section has a beam shaper element with a beam shaping surface chosen to provide selected antenna operating characteristics and also has a conforming surface that is in substantial conformity with a crotch defined between the two cones.